MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

First & Part

M. A. R. 57 (Rule 116)
Measurement Book

No. B 340174

Serial No. .....
Name of Work ...Improvements to roads and drains in and near 11th Cross Bhuvaneshwari...
Name of Contractor of nature of Agency ...Mrs Nagalakshmi WDW 14... From ..... To .....
Date of commencement of work ...Improvements to roads in 31st main 9th cross 7th Cross...

WDWO EO/DD/85/15-16-dt 24-3-2016

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate WDWO 014-16-dt 2000/-						
1	Earth work excavation by manual means in ordinary soil within an area bounded thereof upto 2 mtr and an average lift upto 0.300 mtr Excavating Sinking well and Soling including dressing the sides & bottom level neatly after leaving of Cables, Gas pipes, other Services if any						
		1	60.00	0.45	0.40	10.80	1941/—
		1	60.00	0.45	0.40	10.80	
		11	1.00	0.45	0.40	1.98	
			82.33			23.58 Cum	
2	Providing Supplying Laying Shree Shiva metal layer upto 75mm thickness with Thiru bitumen Emulsion including picking up Stones of metals and Stones of all Sorts including watering and Rolling with 80 to 100 kg Roller to the Satisfaction of Engineer Officer in charge						

Signature of Contractor

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

340175

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	With Kraft aggregates in proper lean cement concrete 1:4:8 under water bed including finishing complete						
	6th Lay	1	60.00	4.80	—	288.00	
		1	60.00	4.80	—	288.00	
		1	60.00	4.80	—	288.00	
		1	60.00	4.80	—	288.00	
		1	25.00	4.80	—	120.00	
				83.67 Rft		1272.00 Rft	11516/-
	Measurement Centre up to 28/4/2016						
2	Providing & laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in foundation & plinth including curing complete						
		1	60.00	1.35	—	81.00	
		1	60.00	1.35	—	81.00	
		1	11.00	1.35	—	14.85	
						176.85 Cft	4462/-
	Deduct 60% for voids					106.11 Rft	
						63.08 Rft	

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3	Providing & laying in position cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) in foundation & plinth including curing complete						
		2	60.00	0.30	0.45	5.40	
		2	60.00	0.30	0.45	5.40	
		2	11.00	0.30	0.45	0.99	
				5019.89 Rft		11.79 Cft	59184/-
4	Providing & laying in position cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) in foundation & plinth including curing complete						

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

340176

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Providing and Constructing pre cast Solid blocks walls Comprising Stretcher Course in 35 kg/sq.m using Cement Mortar 1:4 mixing with Solid Cement blocks of Size 40×15×20 cm using Cement Mortar in Super Structure	2	60.00	0.40	—	48.00	
		2	60.00	0.40	—	48.00	
		2	11.00	0.40	—	8.80	99950/-
				953-75/sq.m		104.80 sq.m	
8	Supply and fixing pre cast Jack work Cement Concrete Slab 10 cm thick including cost of reinforcement as per design and drawing making Grill of required design including of providing cutting the iron bars & get plans Survey Surface & Leveling complete	2	60.00	0.50		54.00	
		2	60.00	0.50		36.00	142560/-
		2	11.00	0.50		90.00 sq.m	
						1584 nos/kg	

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Providing cement Concrete 1:2:4 mixing with Coarse aggregate 40 mm nominal size in Cement mortar 1:6 in Retaining & Stone Slab of Chairs and pumbs as per 1:3 Sq Complete	1	60.00	1.35	—	81.00	
5		1	60.00	1.35	—	81.00	
		1	11.00	1.35	—	14.85	8251/-
						176.85	
						106.11 Sqm	
			78.05				
	Providing cement Concrete 1:2:4 mixing with Coarse aggregate 40 mm nominal size in Cement mortar 1:6 in Retaining & Selected Quality Stone masonry chairs and pumbs as per Sq.m	1	60.00	1.35		81.00	
6		1	60.00	1.35		81.00	66440/-
						70.74 Sqm	
						658.49/ Sqm	

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

340177

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10	providing laying spreading and compacting Gravel Stone aggregate to wet mix macadam Grade Granite using metal crusher water at site including plant tools & machinery labour to site laying in compacted layer wet power test as per IRC as well prepared surface and compacting wet Whitetopping new Granite Specifications.	1	60.00	4.80	0.20	57.60	
		1	60.00	4.80	0.20	57.60	
		1	60.00	4.80	0.20	57.60	
		1	60.00	4.80	0.20	57.60	431671/-
	19/12/2022	1	24.00	4.80	0.20	24.00	
						254.40 Cum	
						1696-84/Cum	
11	providing and applying Primer Coat over SS Bitumen Emulsion on prepared Surface of Grade base Granite as per specifications including Cleaning of the Road Surface etc complete						

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	at the rate of 0.60 cum laying	1	60.00	4.80	-	288.00	
		1	60.00	4.80	-	288.00	
		1	60.00	4.80	-	288.00	
		1	60.00	4.80	-	288.00	
		1	25.00	4.80	-	120.00	40805
				32-08/cum		1272.00 cum	
12	providing and laying Bituminous Concrete with hot mix plant using crushed aggregate of Specified grading premix with Bitumen binder and filler transporting to site mix to work with site laying with paver finisher to the required grade level and alignment rolling with smooth wheeled vibratory and tandem rollers to achieve the density						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cc/Approach Slope work Specification clause No 500.5 Exp						
	Estg Qty Clue & Lead Cost @ 22/37/6,	1	60.00	4.80	0.04	11.52	
		1	60.00	4.80	0.04	11.52	
		1	60.00	4.80	0.04	11.52	
		1	60.00	4.80	0.04	11.52	
		1	25.00	4.80	0.04	4.80	
						50.88 Cum	
	13 Approach & debris to borrow place & disposal with all lift as per directions by the Senior Engg/Junior Engg						
	Only work done @ 1272.00×0.075					95.40 Cum	7781/-
	Certified					@ 83.00/Cum	
	(1) work done is 50.88 Cum					Total 1463810.00	
	(2) There are no deposited Drawings						
	(3) Contractor has cleared all debris from						
						22/8/2016	

Basavarajalu Division, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B

340178

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Excavation of Approach		9.75 Cum	15.85 Cum	11.15 Cum	25.57 Cum	
	8th Main Bhuvaneshwari Nagara						
	25.4						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			146381 :00				
			135495 :00				
			108860 :00				

Audited and admitted for Rs.
Passed by Cheque for Rs.
(
by auditor
Asstt. Engineer
Asstt. Engineer
B & R Leasehold Division

Serial No
Name of
Name of
Date of

Date	
1	
1	
2	